


FORM IV
(Refer regulation 7(2))
Bureau of Energy Efficiency
REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED
ENERGY AUDITORS

	Serial Number (AEA-0319)		
A.		As on....(11/05/2022)	
1	Name of accredited energy auditor	N.Ravi Sankar	
2	Father's name	(Late) K.Nagarajan	
3	Date of certification as Energy Manager (or) Energy Auditor	18 Feb 2008	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	18 Feb 2008	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA 8442 EA 8442	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA 3347 EA 3347	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	<p>N.Ravi Shankar & Associates Chennai</p> <p>At present, I am working in individual capacity.</p> <p>Some audits are done directly under our company name</p> <p>Some as Sub Contractors to Certification bodies for ISO 50001, and some as associates of others.</p> <p>However, we have registered under Trade name N.Ravi Shankar and Associates in</p> <p>15 -10 – 2010 .</p>	

		<p>We are MSME Registered as UAN TN02D0012248 and Udyog Aadhaar Memorandum Aadhaar Number 381574371834</p> <p>We are registered MSME – Ministry of Micro, Small and Medium Enterprises Udyog Bhawan, Rafi Marg, New Delhi - 110011</p>
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)
10	Type of firm/ private/ Government / NGO etc.	Private - Proprietary Registered in 15 Oct 2010 Proprietorship firm - MSME
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	N.Ravi Shankar Certified Energy Auditor No : R – 24 – Plot No : 3875 SRI SAIRAM ANNA NAGAR CHENNAI - 600040
12	Professional postal address with Pin Code of the accredited energy auditor	No : R – 24 – Plot No : 3875 SRI SAIRAM ANNA NAGAR CHENNAI - 600040
13	E-mail address	ravishankar_energyauditor@yahoo.co.in ravi3875@gmail.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	044-26216411 044-26216411 +91 9444557741
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	15 Oct 2010 N.Ravi Shankar and Associates In Energy Audit Profession since 2000. Trade name registered only in 2010 after passing BEE Certification Exam
16	Year of commencement of energy audit of the firm	Year of commencement is 2008 without any formal Trade Name

17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<p>1. Ravi Shankar is Certified ISO 50001 Energy Management System Lead Auditor</p> <p>2. Bureau Of Energy Efficiency vide its letter reference Issue # EE 30 dated 30 July 2010 Selected our paper for publishing and we got award of Rs 10000 /=</p>
18	<p>No. of branch offices</p> <p>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)</p>	<p>No Branch Offices</p> <p>I am consultant / part time associate of some firms with following address and we are undertaking Energy Audit findings implementation through them.</p> <p>For field measurements during Energy Audit we are availing their Technical persons support to do measurements through our own instruments under our own supervision</p> <p>1. Techno Touch Services, NO 3, #203, 9th Cross, 1st Main, Clouds, Kalayan Nagar, Moodalapalya, Bangalore -72. Karnataka , India GSTIN : 29AHEPM6272B1ZD</p> <p>2. Naviyn Machine Tools 5B, Jeevarathinam 2nd Street, K.S.R. Nagar, Opp.TI Miller, Ambattur, Chennai-53, Tamil Nadu, India GST 33AAAFN5847J1Z6</p> <p>3. Ace Enablers LLP. Address :#74, Guru Krupa, Tiny Sector Industrial Estate, Ekkaduthangal, Chennai – 32 Tamil Nadu , India GST 33ABFFA0981N1ZB</p>
C Details of Associated Energy Experts		
19	Number of resource persons available	<p>Only one person. He is not Certified Energy Auditor.</p> <p>Er. Kadar Moideen – M.Tech – Energy Conservation Management</p> <p>Other full time for office work- Mrs. Prabha Lakshmi – Typist Computer operator</p>

		<p>3 Nos Certified Energy Auditors for helping us in Energy Audits as an associates with us .</p> <p>Their brief details are as follows .</p> <ol style="list-style-type: none"> 1. V.Sridhar B E Electrical Senior Executive – HVAC Certified Energy Auditor – EA 3484 Experience 45 Years + in HVAC Retired from Voltas Ltd 2. S.Sundaramoorthy B.E Electrical M Tech Energy Management Senior Executive – Energy Certified Energy Auditor – EA 17786 12 Years + He associated with us in Coimbatore Corporation Office Complex Audit and still supporting us in reports 3. T.Santhosh Kumar B.E Electrical M Tech Energy Management Senior Executive – Energy B.E Electrical M Tech Energy Management Certified Energy Auditor – EA 18776 12 Years + He associated with us in Manufacturing Sectors Energy Audit and still supporting us in reports
20	<p>I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm</p>	<ol style="list-style-type: none"> 1. N.Ravi Sankar – DEE ., B E Mechanical ., MBA 2. Kadar Mohideen – B E Electrical ., M Tech Energy Conservation Management
	<p>II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.</p>	<p>I have pooled with firms mentioned in Columns 18 above.</p> <p>5 Nos Certified Energy Auditors Sector Specific experts like HVAC – Harmonics Mitigation etc are associated with us .</p> <p>Depending upon Scope of work and requirements, we hire self-employed energy auditors and also make use of my associates during last 10 years.</p>

21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	<p>i) Carried out more than 50 audits in all sectors except Cement, Transport, and major power plants.</p> <p>ii) Currently on contract with a group of 7 industries for implementing own energy audit findings implementation contract.</p> <p>Getting success through our associate companies mentioned in Columns 18 above.</p>
22	Subject wise expertise	I have attempted process audit in Manufacturing Industries , Steel Rolling Mills ,Textiles, Aluminium Foundry, Aluminium Extrusion , Iron and steel Foundries, Office Complexes, IT-ITES Office, Pharmaceuticals, etc.
(a)	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. Bureau of Energy Efficiency will be calling for detailed information in case agency has listed its energy audit expertise in the process systems	<p>Refrigeration and Air Conditioning, Thermal Processes and Heat Exchangers, Pumps, Blowers/ fans, Cooling Towers,</p> <p>Some attempt is necessary during Energy Audit to fully comment on utility equipment as well as Specific Energy Consumption</p>
(b)	Energy audit thermal utility system (list sectors)	Almost all sectors.
(c)	Energy audit electrical utility system (list sectors)	Almost all sectors.
23	Instruments available	<p>A separate List given below and they are our own instruments duly calibrated periodically.</p> <p>Except Water Flow meter we owned all other instruments duly calibrated.</p>
	(a) Electrical (list the name of the instruments)	Kindly refer the list below
	(b) Thermal (list the name of the instruments)	Kindly refer the list below

List of Energy Audit Instruments owned by us and duly Calibrated .

Item No.	Instrument	Make	Model/ Type	Sr. No.
1	Energy Logger	Fluke	1730	25752513
2	Energy Logger	Fluke	1730	33503390
3	Digital Power Meter	Finest	170A	21102189
4	Sling Psychrometer	Zeal		09290 & 09714
5	IR Thermometer	Center	354	A0904000025
6	Digital Lux Meter	Lutron	LX-101A	AE 51208
7	Pitot Tube	KIMO	MP 101	190404
8	Thermo Hygrometer	KIMO	HD 100	190406
9	Digital Tachometer	Lutron	DT 2236	AD70331
10	Anemometer	Lutron	AM 4201	I-285749
11	Flue Gas Analyser	KANE	900 Plus	24410274
12	Thermo Anemometer	KIMO	LV101E	13010583
13	Ultrasonic Air Leak Detector	EXAIR	9061	27570011

24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Carried out Energy Efficiency Awareness for Foundry Sector through UNIDO Bangalore to Coimbatore Foundry Cluster	Coimbatore Foundry Cluster
(ii)		Carried out Energy Efficiency Awareness for Foundry Sector through UNIDO Bangalore to Belgaum Foundry Cluster	Belgaum Foundry Cluster
(iii)		Carried out Energy Efficiency Awareness for Plastic Sector through TAPMA to Chennai Plastic Manufacturing Unit Cluster	Chennai Plastic Manufacturing Unit Cluster
(iv)		Carried out Energy Efficiency Awareness for all Core Technical Team to Coimbatore City Municipal Corporation – Coimbatore	Coimbatore City Municipal Corporation – Coimbatore
(v)		Regular Trainer for our Customers located in Maraimalai Nagar Sripermbudhoor Hosur Industry Complexes	Mando MahleIPL IP Rngs Haritha and all our customers always utilizing our services on regular basis
(vi)		Energy Efficiency awareness to all employees after completion of our Closing meeting with Top Management peoples on Energy Audit Findings .	Carried out EE Awareness where ever we conducted Energy Audits and it covers almost all clients.

D	Remarks(if any)
	<p>Besides Energy Audits we are doing implementation of our Energy Audit findings through our associates mentioned in Column No : 18 for a cost.</p> <p>We are able to save minimum 7.5 % to Maximum 22 % in terms of KwHr in all Sectors where we have conducted Energy Audits and implemented.</p> <p>It is a very long process and availability of equipment's from clients side to us is very limited .</p> <p>We are maintaining almost Technology updates on all utility equipment and process through websites/ internets.</p> <p>Our prefabricated XLS calculation sheets on Utility performance assessments help our clients to get trained on improvement of Equipment performance. Still we have long way to go and learn.</p>

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place Chennai

Signature:

Name N.Ravi Sankar

Date:

Designation : Proprietor

For and on behalf of N.Ravi Shankar and Associates

(Note: Responsibility of the authenticity of the above information rests with the concerned energy auditor/energy auditing agency.)